

Produced by the Frederick County

Department of Solid Waste Management

## **Table of Contents**

# Recycling & Waste Reduction

Introduction to Waste Management	3
Source Reduction	4
Resource Directory	5-6
Tips for Wasting Less	7-8
Facts About Recycling	9-10
Frederick County's Recycling Program	11-12
Curbside Recycling Basics	11
Service Provider and Contact Information	11
Missed Recycling Pick-Ups	11
Carts and Bins	12
Collection Schedules	12
Holidays and Inclement Weather	12
Acceptable and Unacceptable Items	13-14
Recycling Other Materials (such as electronics, motor oil,	
antifreeze, appliances, flexible foam , yard waste, etc.)	15
Recycling Drop-off Sites	16
Guide to Recycling Plastics	17-18
Yard Waste Recycling	19
Christmas Tree Recycling	19
Premium Mulch and Compost for Sale	20
Home Composting and Grasscycling	21
Office of Recycling Educational Programs	22
Additional Waste Reduction Resources	22

# www.FrederickCountyMD.gov/recycle

# Solid Waste Disposal

The Department of Solid Waste Management (DSWM)	23
System Benefit Charge	23
Fees and Payment Options	24
Location and Directions	25
Days and Hours of Operation	25
Entrance and Permit Information	25
Facility and Local Regulations	26
(Covered loads, site violations, unacceptable materials, etc.)	
Site Map	27
Facilities on Site	28
(Scale House, Recycling Drop Off, Citizen's Convenience Center Transfer Station, Mulch and Compost Area, Administrative Off and Landfill area)	
Disposal of Specific Items	29
(Bulk trash, furniture, appliances, land clearing debris and construction rubble, etc.)	
Tire Disposal	30
Household Hazardous Wastes and Containers3:  (Oil and Latex Paints, Motor Oil and Antifreeze, Pesticides and Cleaners, Medicines, Batteries, Chemicals, Fluorescent Lights, Propane Tanks, etc)	1-32
Municipal Services and Waste Haulers	33
DSWM Contact Information	34
Dates to Remember	34

# Introduction to Waste Management

Why Worry About Waste? It's a fact of life—everyone produces waste. But like many other everyday occurrences, the rate of waste production has increased dramatically in the past few decades. The average American generated 2.68 pounds of trash per day in 1960. By 2007 the average had increased to 4.67 pounds of trash generated per person, each and every day. Combine this trend with factors such as our growing United States population, urban sprawl and an increasingly consumer-based economy and suddenly there's just too much trash.

In the past it may have seemed simple to just throw things away, but it's getting harder to figure out where "away" is. In Frederick County the landfill is filling up so the majority of our waste is trucked out of state to other landfills. This system is costly, inefficient and unsustainable.

What You Can Do. While waste management has become a more critical and complicated issue it is not a problem that can be solved solely by government or industry action or by technology alone. In fact, there is much that each individual citizen can do to use Frederick County's resources wisely and reduce the amount of trash needing disposal.

This booklet provides basic information on resource management, waste reduction, recycling and disposal options available in Frederick County.

Additional information is available on the County's website:

www.FrederickCountyMD.gov/WasteManagement

You can't just throw things away; there is no "away". This material serves as a guide to local programs, nonprofits and businesses involved in reducing, reusing and recycling. But this is only a starting point! Residents are encouraged to explore more, investigate their households' use of resources, develop creative waste reduction methods and look for opportunities to help tackle this challenge we all share.

Working together we can manage waste wisely and create communities that are <u>both</u> more economically and environmentally sustainable.

Recycling Is Not the Answer! Well, recycling *alone* cannot solve the problem of too much trash. Recycling is good; it diverts resources that would otherwise be wasted. But even the "green" process of recycling has a carbon footprint, creates emissions and relies on valuable resources like fuel, money and time. So, recycling is one *part* of the solution; another key strategy is to create less waste in the first place!

Rather than managing the waste we have, source reduction is a strategy for preventing waste before it even occurs. Think of it as "pre-cycling"— all the steps to take *before* there is something left to recycle. To get into the source reduction mindset, just

remember the "4 R's" of wise waste management:

Reject, Reduce, Reuse, Recycle.



Reduce. Take advantage of services that reduce the amount of junk mail you receive (see the resource directory on the following pages). Buy items in bulk to decrease packaging. Look for energy-efficient and long lasting appliances and electronics. Inventory your kitchen goods, use what you have and avoid wasting foods.

Reuse. Recognize the value of durable, reusable goods instead of disposable items. Use tote bags for shopping. Get an electric razor. Use cloths instead of paper towels and disinfecting wipes. When possible, carry, use and refill a reusable bottle. Invest in rechargeable batteries. Look for recycled-content products, such as office paper and tissues. Shop for used-but-good products and donate your old items to resale organizations (see the resource directory for more information).

Then Recycle. Look at what's left of your waste and recycle those materials that are accepted in Frederick County's program.

# Source Reduction Resource Directory

Think Before You Throw! While throwing something away is very convenient, it is also permanent. While some things simply have no more use, unfortunately many things that are disposed of still have value.

The good news is that there are organizations and programs that can help residents avoid being wasteful, save space in our landfill, protect the environment, contribute to the local economy, and conserve resources for future generations. The following listings are for groups that are involved in purchasing, reselling or otherwise reusing unwanted goods. This is only a small sampling of such organizations and is not an endorsement for any particular business or service.

# **BetterWorld**Books

Better World Books collects and sells books online to fund literacy initiatives worldwide. Shipping is free, whether you are selling or donating books to them or shopping from their vast selection of paperback and hardbound books.

# craigslist

This website offers free classified ads for buying, trading, selling or giving away just about anything. www.craigslist.org

#### THE FREDERICK RESCUE MISSION

The Rescue Mission provides free quality clothing and furniture to our community's working poor. Clothing, furniture and appliance donations are accepted at 419 West South Street in Frederick, or pickup from your home can be arranged by calling: 301-695-6633. www.therescuemission.org

# freecycle

This nonprofit enables anyone to find new homes for old goods as well as acquire good, used items for free. Their mission is to build a worldwide gifting movement to reduce waste, save resources and ease the burden on landfills, while enabling members to benefit from the strength of a larger community. www.freecycle.org

#### Goodwill Industries

By donating to or buying things from Goodwill, you not only reuse items but also support job training and placement programs for people with disabilities and disadvantages. Stores take in and resell: clothing, bedding, appliances, toys, books, furniture and more. Goodwill also has established an E-Waste Initiative to seek economically and environmentally sound ways to recycle and reuse donated electronic equipment. Two locations: 5831 Buckeystown Pike, Frederick, 301-668-5363 and 202 E. Main Street, Thurmont, 301-271-2100. www.gooodwill.com

# **Habitat for Humanity ReStore**

These retail outlets provide quality, used and surplus building materials and home furnishings at a fraction of normal prices. Proceeds help local affiliates fund the construction of Habitat houses within our community. To buy or donate useable construction materials, windows, doors, furnishings and appliances visit their store at 1109 East Patrick Street in Frederick. For more information call (301) 662-2988. www.habitat.org

# Swap Baby Goods

This website provides an easy-to-use, friendly place for parents to swap, buy or sell baby items that are no longer needed. Their philosophy is simple, "Why buy when you can swap? www.swapbabygoods.com

# swapstyle

This is an online fashion exchange where you can swap clothes, shoes, accessories, cosmetics and lots more, with people from all around the world. www.swapstyle.com

Above AII, Remember: Consumer's choices shape the actions and products promoted by businesses. If less waste is important to you...it will become more important to those who produce and sell retail goods.

# Checklist for Wasting Less

Beyond rejecting, reducing, reusing and recycling there are lots of ways you can help your household to waste less!

<b>Energ</b>	y Conservation:
	Use EnergyStar rated appliances.
	Rideshare or use public transit.
	Purchase fuel efficient vehiclesor ride a bike!
	Use task lighting; instead of brightly lighting an entire room, focus light to directly illuminate work areas.
	Turn off lights in unoccupied rooms—better yet, install motion sensors on light switches.
	Use compact fluorescent bulbs.
	Turn off computers, televisions and other appliances not in use.
	Unplug cell phone, ipod and other chargers—even when the device is not attached, the chargers still drain electricity.
	Clean furnace filters once a month during the heating season.
	To reduce cooling needs during warm months, close or tilt window blinds to block direct sunlight.
<u>Water</u>	Conservation:
	Place low-flow restrictors (high pressure) on faucets and shower heads and install low-flow toilets.
	Perform preventative maintenance of drips and leaks.
	Retrofit landscape irrigation systems with moisture sensors, to water only when it is needed.
	Install a rain barrel to catch rain water for watering plants.
	To avoid evaporation, don't run sprinklers in the heat of the day.
	Dishwashers use less water than hand washing.

# Thinking "Green" Place a container to collect recyclables next to every trash can in your home—if it's easier to recycle, people will. Use less toxic or non-toxic cleaning products, such as vinegar, borax and castile soap. And use reusable cloths rather than disposable wipes! Use compost to boost the health of your garden; healthier soil makes stronger, healthier plants that require less fertilizer and pesticides. Bills sent electronically and paid online save paper and fuel. Buy and carry with you a reusable mug or bottle. **Shopping "Green"** Avoid impulse purchases—do you really need that item? Every object manufactured uses up energy and resources. Rent or borrow when possible. Take reusable bags to the grocery store and your household can help keep our environment clean and plastic bags out of landfills. Regularly inventory what is in your refrigerator and cupboards to avoid buying excess. Look at expiration dates to avoid wasting foods. Shop for used goods and donate old items to charity for resale. Buy and use rechargeable batteries and a charger. Look for durable, reusable goods rather than cheap, disposable items. Avoid products with excessive and nonrecyclable packaging (or write to manufacturers to suggest alternative packaging!) Look for products with recycled content — such as carpet, fleece clothing, lumber, paper goods and more. Take along a reusable container for leftovers when you eat out. Think globally, shop locally—visit your local farmer's market and small, independent retailers more often!

# Facts About Recycling

#### In Frederick County:

- → Curbside recycling began in 1991, with a pilot program for 4,000 households.
- As of 2009, every single-family home in the county can participate in curbside recycling; that's more than 72,000 households!
- Frederick County has the largest geographic collection area of any curbside program in the state of Maryland and one of the most comprehensive recycling programs overall.
- → In 2007:
  - 618,418,000 pounds (309,209 tons) of waste were generated.
  - Of this 255,504,000 pounds (127,752 tons) were recycled, including 997 tons of plastic, 565 tons of aluminum, and 40,526 tons of paper and cardboard
- → In 2007, the Maryland Department of the Environment certified our waste diversion rate (including recycling) as 44.3%.
  - The County Commissioners have established a waste diversion goal (material removed from the waste stream through recycling, composting and other strategies) of 60% by the year 2024.
- → In 2009 it cost \$76 to drop off one ton of waste to the landfill transfer station and just \$25 to drop off one ton of recyclables.
- The Department of Solid Waste Management is an enterprise fund—this means that it is fully self-sustaining through charges and fees and receives no general fund tax dollars. A *System Benefit Charge* (SBC) is applied county-wide to both residential and nonresidential properties. The SBC pays a portion of the reasonably anticipated capital costs and operating costs for the disposal of solid waste and the processing of recyclables.



#### General Information:

- Americans represent only 5 percent of the world's population, but generate 30 percent of the world's garbage. (America Recycles Day, 2003)
- → Recycling 1 ton of paper saves 17 mature trees, 7,000 gallons of water, 3 cubic yards of landfill space, 2 barrels of oil, and 4,100 kilowatt-hours of electricity — enough energy to power the average American home for five months. (EPA, 2008)
- U.S. Government data (E.P.A.) states that, compared to harvesting and processing virgin materials, manufacturing recycled paper:
  - creates 49% less waste
  - consumes 43% less energy
  - produces 70% less greenhouse gas
- emits 90% less hazardous air pollutants
- creates 30% less water pollution
- Recycling aluminum saves 95% of the energy needed to produce new aluminum from raw materials. Energy saved from recycling one ton of aluminum is equal to the amount of electricity the average home uses over 10 years. (Keep America Beautiful, 2006)
- → Recycling one aluminum can saves enough energy to run a 100-watt bulb for 20 hours, a computer for 3 hours, or a TV for 3 hours. (EPA, 2008) For every six-pack of soda or beer not recycled, the energy equivalent of one beverage can full of gasoline is squandered. (Container Recycling Institute, 2001)
- ➤ Even though approximately one-half of beverage containers are recycled annually, Americans trash more than 270 million beer and soft drink bottles every day. (Container Recycling Institute, 2001)
- → Styrofoam is not very recyclable in most markets and not at all in Frederick County. Each year Americans throw away 25 *billion* Styrofoam cups—enough every year to circle the earth 436 times.

# **Frederick County's Recycling Program**

Recycling in Frederick County is Easy! Every resident living in a single-family home (including townhomes and rowhouses) can recycle using our single stream curbside collection program. There are also twelve recycling drop-off centers across the county for residents to use (see page 16 for more information.)

What is "single stream"? It simply means that all county-accepted recyclable items can be mixed together in a single container—no sorting, compacting or bundling required! General guidelines for the single stream program include:

- Place items *loose* inside a curbside collection container—<u>not</u> inside bags! (The *only* exceptions to this rule are recyclable plastic bags which should be placed inside a single bag, and shredded paper, which should be placed inside a paper bag.)
- While recyclables do not need to be spotless, it is recommended that items be rinsed to keep the inside of your collection container clean and diminish any unpleasant odors. All containers should be empty.
- Excess recyclables that cannot fit in your bin or cart may be bundled up or put in a paper bag or cardboard box and placed alongside the county-issued recycling container at the curb.
- Recyclables must be placed at the curb no later than 6 am of the day
  of collection. Please place cart with the lid opening towards the street,
  four feet from possible obstructions such as mailboxes or cars.
- Your curbside collection and customer service contractor is Allied Waste Services. Questions and concerns, including requests for recycling carts, should be directed to them by calling 301-694-6498 or sending email to: <a href="mailto:frederickrecycles@republicservices.com">frederickrecycles@republicservices.com</a>

If your recyclables were not picked up, please report the missed collection to Allied Waste Services at 301-694-6498.

For more information or further assistance, call the Frederick County Office of Recycling at 301-600-2960 or send email to: recycle@FrederickCountyMD.gov

#### COLLECTION SCHEDULES. Curbside pick-up occurs every other

week. Residents are provided a collection schedule for their street each year; a copy of this schedule can be obtained by calling Allied Waste, your curbside service provider at 301-694-6498 or sending email to: frederickrecycles@republicservices.com

HOLIDAYS. Curbside collection does NOT take place on certain holidays, but rather will slide to the next day. This results in <u>all</u> collections that follow the holiday in that week to be picked up one day later than usual. "Slide weeks" happen around the following seven holidays every year:

- New Year's Day
- Good Friday
- Memorial Day
- Independence Day
- Labor Day
- Thanksgiving
- Christmas



For example: if the regular recycling pick-up day is scheduled for Monday, May 31, 2010...that's Memorial Day. Recyclables will be picked up on Tuesday, June 1, instead. To accommodate this, all recycling pick-ups for that week will slide one day later, with the last pick-up on Saturday, for residents whose normal collection day would have been Friday.

WEATHER. Weather-related cancellations of curbside service are based on county road conditions and the storm forecast. Our priority is to keep residents—including our staff and contracted drivers—safe. Cancellations, delays or changes to service will be immediately posted on our website, updated in voice recordings on our phone line (301 -600-2960) as well as sent to local media (such as radio stations.)

CARTS AND BINS. If you need a recycling cart, please contact Allied Waste Services (see contact info on previous page.) Every single-family household is entitled to one collection container free of charge; replacements for lost or damaged containers can be requested once per year. Wheeled carts come in three sizes: 35-, 65– and 95-gallon models. Or traditional 18-gallon bins may be requested instead.

# Items Accepted for Single Stream Recycling

- ✓ Magazines and catalogs, junk mail and envelopes
- ✓ Newspapers, including all inserts (PLEASE remove newspaper from any plastic delivery bags!)
- ✓ Brown paper bags
- ✓ Non-metallic wrapping paper and craft paper
- ✓ Paperboard boxes, such as cracker and cereal boxes without liners
- ✓ Thick paper, such as cardstock, file folders, etc.
- ✓ Corrugated cardboard (PLEASE remove any plastic shrink-wrapping from cardboard packaging!)
- ✓ Books, including paperbacks, hardbacks and telephone books
- ✓ Clean paper products—colored and white, such as typing, fax, copy, letterhead, notebooks, etc.
- ✓ Shredded paper (please gather and place inside a paper bag)
- ✓ Milk cartons (paper or plastic) and juice boxes (<u>not</u> juice pouches)
- ✓ Glass food and beverage containers such as jars and bottles
- ✓ Tin and steel food and beverage containers, such as for pet food, soup and vegetable cans
- ✓ Aluminum food and beverage containers
- ✓ Clean aluminum foil and aluminum pie pans
- ✓ Empty aerosol cans
- ✓ Plastic bags, such as grocery bags, newspaper bags and others (please gather and place all inside one bag)
- ✓ Empty, household, plastic containers and lids, including narrow-neck bottles (such as for water, soda bottles, detergent, salad dressing, etc.) and wide-mouth containers (such as peanut butter jars, margarine tubs, yogurt containers, kitty litter buckets, prescription bottles, etc.)

PLEASE NOTE—other items *are* recyclable, but not necessarily in the *single stream* program. Please refer to this guide to learn how to recycle oversized plastics, electronics, appliances, textiles and more.

# Items NOT Accepted for Recycling

When in doubt, throw it out! Non-recyclable trash hurts the recycling program by decreasing collection efficiency and reducing the market value of your recyclable items. Items that are not recyclable in Frederick County include:

- Soiled paper products (such as paper plates, tissues, napkins, disposable wipes, greasy pizza boxes, etc.)
- × Waxed paper or waxed boxes
- Potato chip/snack food bags
- Cracker and cereal box liners
- Metallic wrapping paper
- Ceramics and drinking glasses
- × Mirrors or windows
- Hazardous material containers (such as for pesticides, motor oil or antifreeze)
- Microwaveable plastics (such as disposable meal trays)
- Thin, brittle plastic containers and packaging (such as from restaurant take-out or salad bars) and molded plastic retail packaging
- × Polystyrene (Styrofoam), rubber or vinyl products
- PVC pipes
- Any container that is not empty!

**A Few Words About PLASTIC...**There are many types of plastic used in manufacturing—many of which are recyclable, but not all. Some plastics do not recycle well and others have little or no market for resale. *Refer to the plastics chart on pages 17-18 for more information.* 

- Plastics without an identification code imprinted on them are not recyclable. (The chart on page 17-18 has more information on plastic types and their identification codes.) No code, no recycling!
- Plastic bags are one of the biggest trash contaminants in the recycling program! Only bags with a code of #2 or #4 printed on them are recyclable. These should be gathered together inside a single bag.
- DO NOT place your mixed recyclables inside bags! Recyclables need to be loose to be sorted. If you bag your materials they may not be collected curbside or may be disposed of at the sorting facility.



# Recycling Other Materials

The recycling center at Reichs Ford Road accepts much more than just bottles, cans, boxes and jars! By entering at the Recycling Road entrance (see map on page 26), you may bring in (for no fee) any of the recyclables listed for curbside recycling as well as:

- Bulky/Oversized Rigid Plastics: Lawn furniture, toys (such as outdoor play sets), coolers, kiddie pools, plastic buckets, tubs and storage totes, plastic shelving, milk crates, laundry baskets, etc. Even large rigid automotive plastics such as car bumpers! (*Not Accepted*: PVC items (including pipes), vinyl siding, non-rigid materials such as vinyl and rubber (such as garden hoses, landscape edging, tarps) or any other soft, flexible plastics. Items with motors and electronic components.)
- Flexible Foam: Foam carpet padding, foam couch cushions, foam-only mattresses. (Not Accepted: Jute/fiber carpet padding, Styrofoam™)
- Appliances: "White goods" such as refrigerators, stoves, washing machines, air conditioners, hot water heaters, etc. (Not Accepted: small, non metal-body appliances such as blenders, alarm clocks, etc.)
- Scrap Metal: Such as metal shelving, cabinets, bicycles, fencing, lawn mowers, wire hangers, grills, swing sets, aluminum lawn chairs, etc.
- Automotive Materials: Motor oil, antifreeze, lead-acid batteries. (*Not Accepted:* any other automotive components; tires—see below.)

#### The main facility entrance is used when bringing in:

- Yard Waste: Limbs and pruned branches smaller than 8' long and 6" diameter, grass clippings, weeds, fallen leaves, etc. (Not Accepted: mulch, soil or root balls, construction debris, lumber, plastic bags.)
   There is no fee to drop off yard waste. (See page 19 for more info.)
- Tires: Tires are brought through the main entrance, not the recycling entrance, for a fee of \$3.80 per 100 pounds. Residents may bring in 5 tires per year. (For more information see page 30).
- Electronics: Desktop and laptop computers, keyboards, scanners, printers, fax machines, GPS units, PDAs, cell phones, digital cameras, DVD players, VCRs, stereos, televisions, etc. (*Not Accepted:* film cameras, rotary phones, battery-operated toys, manual typewriters, etc. Secure data requiring a certificate of destruction.) There is a fee of \$3.80 per 100 pounds of electronics being recycled.

There are currently 11 recycling drop-off centers located throughout Frederick County that are free to use. Items accepted are the same as in the curbside recycling program. Please note that most items do not have to be sorted, except cardboard, which should be flattened and placed in the designated container at each site.

Except for the Reichs Ford Road drop-off, all sites are accessible 24 hours a day, 7 days a week. These drop-off centers are for residential recyclables only, not for use by businesses, churches or any organized groups. (Such enterprises may recycle by contacting their trash hauler—and may find that they save money on waste disposal fees by doing so!)



Note: The availability of these sites is subject to change; locations may be closed or moved at the County's discretion.

#### RECYCLING DROP-OFF LOCATIONS (as of January 2010):

- Brunswick: Sports Complex, at end of 13th Avenue
- Buckeystown: Route 85, behind Buckeystown Market
- Frederick
  - East Street, next to Monocacy Village Shopping Center
  - Rosemont Avenue, next to Don Phillip's Jeep
  - Reichs Ford Road Recycling Center, 9031 Reichs Ford Road: The hours for the Reichs Ford Road site are 7:30 am until 4:30 pm, Monday-Saturday (closed Sundays.) The Reichs Ford Road Recycling Center also accepts oversized rigid plastics, reuseable clothing, motor oil, antifreeze, lead-acid batteries, scrap metal, major appliances and flexible foam such as carpet padding and cushions (not styrofoam).
- Jefferson: Lander Road, in the Ruritan Community Center parking lot
- Middletown: Middletown Park, right inside Coblentz Rd. entrance
- Mount Pleasant: On Crum Road, next to the Ruritan Club.
- Thurmont: Eyler Road Park, follow road to back of park
- Urbana: Route 355, between fire house and park
- Yellow Springs: Indian Springs Road, across from Brook Hill United Methodist Church, in the overflow parking lot

Type of Plastic	Examples of What is Accepted for Curbside Recycling
PET polyethylene terephalate  It's tough and shatterproof.	Peanut butter jars.  Narrow-neck containers, such as for detergents, mouth wash, salad dressing, vitamins, soda and water bottles.
HDPE high density polyethylene  It's flexible and often translucent.	Milk and water jugs, juice bottles, dairy tubs such as whipped topping or sour cream, liquid detergent bottles, medicine bottles, kitty litter jugs, plastic grocery bags.
PVC polyvinyl chloride  It's tough and chemical resistant.	Bottles for shampoo, cooking oil, salad dressing.
LDPE low density polyethylene  It's flexible and tough.	Food storage containers, dairy container lids, bags newspapers are delivered in, dry cleaning bags.
PP polypropylene  It's stiff, chemical and heat resistant.	Medicine bottles, deli containers, yogurt containers, margarine tubs, rigid plastic cups, nursery plant packs and plastic flower pots.
PS polystyrene  It's brittle and see-through.	Dairy containers, medicine and vitamin bottles, flower pots and nursery packs.
OTHER other plastics	Bottles such as for ketchup, syrup, window cleaner, 5-gallon water coolers.

Items NOT Recyclable in the	It Gets Made Into
Curbside Program	
Thin brittle plastics and "clamshell" packaging—often used to hold items such as strawberries, baked goods such as muffins, or salad bar meal containers.	Bottles, carpeting, tennis balls, insulation for jackets, t-shirts, paint brushes.
Materials made from Tyvek, such as envelopes and protective gear.	Plastic lumber, detergent and bleach bottles, trash cans, buckets, toys, traffic barriers, fly swatters.
PVC pipes, lawn furniture or objects too large to fit in a recycling cart (these items can be brought to the specially designated recycling bin at the DSWM facilities, 9031 Reichs Ford Rd.)	Floor mats, mud flaps, pipes, hoses, computer and electric cord wraps.
Bags without a plastic identification number printed on them, such as sandwich bags and some bread bags.	Garbage can liners, frisbees, plastic lumber, lawn furniture, toys.
Thin, brittle #5 plastics, such as disposable drinking cups. Polypropylene fabrics.	Brooms, lawn mower wheels, ice scrapers, paint buckets, toothbrushes. Spun fiber fabrics and filling for coats, sleeping bags and blankets.
Disposable foam hot/cold beverage cups, carry-out containers, foam egg cartons, disposable plates, packing peanuts, <i>anything</i> styrofoam.	Building insulation, flower pots, CD cases and sleeves, rulers, trash cans, food service trays.
Objects too large to fit in a recycling cart, and in general, objects without an identification code imprinted on them.	Street signs, pens, concrete supports, ice scrapers.

# Yard Waste Recycling

COUNTY ORDINANCE 06~03~399: Since 2006 yard waste has been banned from the landfill. This includes materials generated by residents and commercial enterprises in the maintenance of lawns, gardens and landscaped areas.

#### Residents have two main options for handling yard waste:

- 1. Compost at home (more info on page 21)
- 2. Bring or have the materials delivered to the DSWM mulch and composting facilities.

PLEASE NOTE: residents of municipalities and those living in homeowner association-controlled areas may have curbside yard waste collection provided for them by these entities. Please contact your town office or HOA for more information (town contact info listed on page 33.)

#### DEPARTMENT OF SOLID WASTE MANAGEMENT (DSWM)

COMPOSTING FACILITIES: In 2008 the Department of Solid Waste Management designed and built a new facility for the processing of organic materials. This area is notable for its sustainable design and construction methods; it is located on top of a section of the old, closed landfill and utilized recycled asphalt in its construction.

Improved operational practices have also been implemented, including the purchase and use of specialized composting equipment and the adoption of quality control standards. Frederick County's compost undergoes regular analysis by an independent laboratory using U.S. Composting Council standards. In recognition of these achievements, Frederick County's composting program won a national award in 2009, but the real reward is the high quality finished product—a premium soil amendment that is available for sale to the public (see next page.)

MATERIALS ACCEPTED FOR YARD WASTE RECYCLING include leaves, grass clippings, plants, shrubs, prunings and trimmings (no greater than eight feet in length and six inches in diameter.)

NOT ACCEPTED: Food crops (fruits or vegetables), stumps, limbs larger than 8' long or 6" in diameter and plastic bags (materials may be placed in paper bags).

CUT CHRISTMAS TREES are accepted for recycling after the holiday and through January at several locations throughout the County. Please visit our website this winter for more information.

# **Frederick County's Premium Compost**

COMPOST AND MULCH FOR SALE: The compost produced at the 9031 Reichs Ford Road facilities is sold in bulk from the same site (no bagged materials or deliveries are available at this time.) This site also has single-and double-ground mulch for sale. Compost and double-ground mulch both cost \$8.50 per cubic yard or \$15 per ton. Single-ground mulch costs \$4.60 per cubic yard or \$8.00 per ton.

Residents wishing to purchase these materials should have an open vehicle or trailer and bring a tarp to cover their load. DSWM staff will load the materials; the site is accessible during regular operating hours, Monday—Saturday, 7 am until 4:30 pm.

# **Frederick County's premium compost is a lab**-tested and field-proven product that provides excellent results by:

- Slowly releasing nitrogen and other essential macro- and micronutrients
- Increasing the ability of sandy soils to retain water and improving drainage in clay soils
- Stimulating root growth by increasing aeration and loosening heavy and compacted soils
- Decreasing runoff and soil erosion
- Improving and stabilizing soil pH

## Compost can be used many ways in the landscape:

- To establish a new lawn.
- To top-dress an existing lawn
- To get a new flower or vegetable garden off to a great start
- To boost the health of established gardens
- To mend small bare spots
- To plant ornamental trees and shrubs
- To make a premium potting soil for container gardening
- To build raised-bed gardens
- To make plantings more resistant to drought, pests and diseases

To see more information about our compost—including lab test results—please visit: www.FrederickCountyMD.gov/compost

# Home Composting and Grasscycling

The Department of Solid Waste Management sells home composting bins for \$20 each, available at our Reichs Ford Road Administrative Office. More information is on our website.

COMPOSTING is a method of assisting the natural decomposition process to produce a rich soil amendment that is great for gardens and lawns. By composting you can recycle not only your yard waste, but also many of your kitchen scraps and some household waste as well.

#### The basic ingredients for a compost pile are:

- 1. Feedstocks (grass, leaves, kitchen scraps, shredded paper, etc.)
- 2. A structure (while a fancy bin isn't necessary, it can make the process more attractive.)
- 3. Moisture (enough to keep the pile damp but not wet.)
- 4. Heat (generated naturally in the process.)
- 5. Air (the compost pile is alive with beneficial microorganisms that need oxygen to do their work. Turning a pile lets air in—and also solves many common problems, from odors to excess moisture.)
- 6. Time (how long it takes depends on many variables, but in general, anywhere from 4 weeks to 18 months.)

GRASSCYCLING is the all-natural method that contributes to the health of your lawn *and* the local environment. Grasscycling is the simple process of leaving grass clippings on the lawn rather than raking or bagging them.

#### It's easy and has real advantages, including:

- Lawn maintenance takes less time.
- Adds vital organic matter and fertility to your soil—providing about 25% of the nitrogen your lawn needs for the year!
- Eliminates the expense of disposing bagged clippings.

#### Lawns that use grasscycling:

- Tend to be more drought resistant
- Need less fertilizer
- Contribute to a healthy local environment

FOR MORE INFORMATION visit our website: www.FrederickCountyMD.gov/recycle



DID YOU KNOW the Department of Solid Waste Management Staff provides educational programs for groups? We also give tours of the facilities at Reichs Ford Road. If you want to learn more about what we do, and ways you can help reduce waste, give us a call at 301-600-2960.

Our programs—given at your site or ours—include:

- Home Composting: The Basics and Beyond
- Recycling in Frederick County: Think Beyond the Bin!
- Hands-On Recycling: Papermaking in Process

We can also provide displays, handouts and staff presence at your local event to promote sustainability topics in Frederick County! You can visit our website to download the 'Request for Outreach Services' form, or call us to have one faxed or mailed to you. Requests and inquiries can also be sent by email to: recycle@FrederickCountyMD.gov

#### ADDITIONAL SOURCES OF INFORMATION:

- www.epa.gov/waste An immense amount of information on waste reduction for businesses, citizens, teachers and students is available on the Environmental Protection Agency's website
- www.kab.org/site/PageServer?pagename=source\_reduc\_reuse The Keep America Beautiful organization is a big proponent of reducing waste and posts many resources on their site.
- www.grist.org/article/consumption This article maintains a
  positive, practical outlook on the issue of waste: "How to
  streamline your life and still enjoy the heck out of it."
- www.41pounds.org or www.catalogchoice.org Information on the impact of junk mail AND ways to stop the flow of unwanted items to your mailbox!

# The Department of Solid Waste Management

There is only one landfill in Frederick County. The Department of Solid Waste Management (DSWM) manages that operation as well as the other facilities that share the site at 9031 Reichs Ford Road (see map on page 26). The landfill was started in 1969 on a location that had begun as a ravine fill for a local farm. The current site encompasses 520 acres.

The original landfill Site A filled and was closed in 1998. The new Site B was opened in 1997 and has remained in use since. However, it is filling rapidly and there are no opportunities for additional landfill cells at the current site. To preserve space almost all of Frederick County's waste is trucked out of state for disposal at other landfill sites. This is projected to keep our landfill open until the year 2045. By only depositing 300 tons out of the average 3,000+ tons of trash brought in each week, space is saved in reserve for critical situations that might occur and generate excess waste, such as major storms or catastrophes.

DSWM facilities are used to process or dispose of commercial, residential and industrial waste.

- Commercial Waste consists of materials originating in wholesale, retail, institutional or service establishments, such as warehouses, offices, stores, hotels or restaurants.
- Residential Waste consists of trash generated in single and multifamily homes.
- Industrial Waste consists of any substance resulting from manufacturing, trade or industrial activities and also from natural resource development, including agriculture.

Tours of the Department of Solid Waste facilities can be arranged for students and groups by calling 301-600-2890 or sending email to: landfill@frederickcountymd.gov

Funding for Operations: The landfill and related facilities are funded in part through users fees and a system benefit charge (SBC), ensuring that no general tax dollars are spent on waste management or recycling.

The SBC is an annual charge included on the County's taxes and fees bill. Residential rates are applied per dwelling unit for both single family and multi-family properties. Non-residential rates are applied to properties based on improvement values and the number of billing units.

# Disposal Rates and Payments

DISPOSAL RATES FOR RESIDENTS vary based on the fuel index; check the website to see if fees have been adjusted since this printing.

- Municipal Solid Waste (general household trash) \$3.80 per 100 pounds of material or \$76 per ton.
- Construction & Demolition debris (rubble) \$4.25 per 100 pounds or \$85 per ton
- Tires 33" or less up to 5 per year may be disposed; the cost is \$3.80 per 100 pounds. More than 5 tires requires a Maryland Department of the Environment Scrap Tire Haulers License and will be charged at the \$160.00 per ton commercial rate. Tires over 33" will also be charged at the \$160.00 per ton rate.



Mattresses and Box Springs – up to 3 each per year at \$3.80 per 100 pounds; more than 6 total units will be charged at the commercial rate of \$28.00 for each piece.

Paying at Visit: Acceptable forms of payment are cash, personal/ business checks, money order, or cashier's check. All checks and money orders should be made payable to the *Treasurer of Frederick County*. *Credit and debit cards are not accepted at this time*.

Pre-Payment: Facility users may choose to open a prepaid account to pay for their tipping fees. Prepaid accounts are set up at the scale house.



Aerial view of the transfer station, mulch and compost area and closed Site A landfill.

#### Location, Entrance Information and Hours

The Department of Solid Waste facilities are located at 9031 Reichs Ford Road in Frederick. There are two entrances to the facilities. The first 'Recycle Road' entrance is for access to the recycling drop-off center (for free drop-off of materials such as textiles and other household recyclables.) The second entrance is the main access to the landfill, electronics recycling area, yard waste recycling, transfer station, administrative offices and other facilities. (Refer to map on page 27.)

The facilities are to be used for processing waste and recyclables generated in Frederick County only. On your first visit proof of residency is required, such as a driver's license, vehicle registration or utility bill. Once residency is established, customers are provided a landfill ID card or sticker.

When you arrive at the main entrance your first stop will be at the scale house. In order to keep accurate records of the tons of waste disposed, all vehicles are weighed as they enter and exit. The staff person who greets you will ask what you are disposing and direct you to your next stop.

SITE ACCESS HOURS: Monday—Saturday, 7 am - 4:30 pm OFFICE HOURS: Monday—Friday, 7:30 am - 4:30 pm

HOLIDAYS: All facilities at Reichs Ford Road are closed for the following holidays each year: New Years Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving and Christmas.

WEATHER-RELATED CLOSINGS: For information during inclement weather call 301-600-1848. A recording that contains current information on any weather-related closings will be posted.

#### **DIRECTIONS:**

From points north: Take Interstate 70 East towards Baltimore. Take Exit 55 South Street. At the bottom of the ramp, turn left onto Reich's Ford Road. Proceed 3.5 miles, the facilities will be on your right.

From points south: Take 270 North to exit 32, Interstate 70 East towards Frederick. Take Exit 55 South Street and turn left at the bottom of the ramp. Proceed 3.5 miles, the facilities will be on your right.

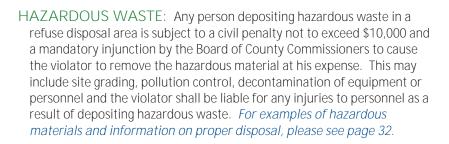
CHILDREN UNDER THE AGE OF 16 must remain in vehicle at all times while on the premises.

COVERED LOADS: Since 1989 Maryland law has required that, "A vehicle with any load may not be driven on any highway unless the load and any covering on the load are fastened securely to prevent the load or covering from becoming loose or detached or in any way endangering other users of the highway." (See Maryland Transportation Article 24-106.1)

This means that all loads coming into or leaving the DSWM facilities must be covered or otherwise secure and not in danger of blowing or spilling from the vehicle. This includes waste, recyclables or yard debris coming into our facilities as well as mulch or compost being hauled away! Violators may be issued a citation and fined.

PROHIBITED ACTIVITIES: It is unlawful to do any of the following on the premises of the Department of Solid Waste Management:

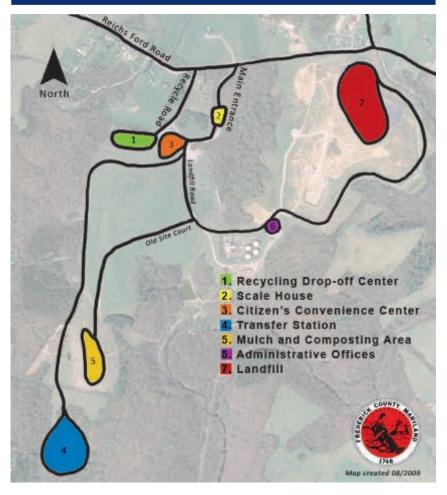
- Salvaging or removal of waste or recyclable items
- Dumping before or after regular operating hours
- Dumping hot ashes, firearms or explosives
- Reckless, speeding or unsafe operation of a vehicle.



OTHER UNACCEPTABLE MATERIALS: Liquids of any kind (including paint, fuels or oils) and yard waste (which should be dropped off for recycling at no charge) are not accepted for disposal.



# Reichs Ford Road Facilities Map



#### Use the Recycle Road Entrance for:

- Depositing single stream recyclables, cardboard, bulky plastics, reusable clothing, recyclable automotive materials, scrap metal and 'white goods' appliances (refrigerators, air conditioners, stoves, etc.)
- Access to the Education Center (in the Recycling Drop Off Area)

#### Use the Main Entrance for:

- Depositing household trash, yard waste, electronics recycling, scrap tires
- Purchasing mulch or compost
- Administrative business

(Numbers and colors here correspond to the map on the previous page.)

- 1. The Recycling Drop-Off Center is where most household recyclables, including bulky plastics, scrap metal, appliances, clothing, antifreeze, car batteries and motor oil can be deposited at no charge. The exceptions are electronics and tires, which are brought in through the main entrance and incur a drop-off fee of \$3.80 per \$100 pounds of material (rate varies depending on fuel index; see website for current fees.)
- 2. The Scale House uses modern technology and experienced staff to record efficient and accurate transactions. All vehicles entering and leaving the facilities via the main entrance are weighed. This allows for gathering of data on various types of wastes processed through the facilities. *Please be aware that the scale house can only accept cash or check as payment for any fees due.*
- 3. Citizen's Convenience Center is the area designated for disposing household waste and is also where electronics are collected for recycling. Staff oversee this area but residents should be capable of unloading their own materials. Please be safe and aware of people and vehicles in this area.
- 4. The Transfer Station is where waste and recyclables are unloaded from collection vehicles and transferred into tractor-trailers for transport to out-of-county facilities for disposal or processing. While residents generally bring their trash to the Citizen's Convenience Center, in some cases they may be directed to the transfer station (but should remain in their vehicle).
- 5. The Mulch and Composting Area is staffed from 7am until 4:30pm (no closings for lunch as in the past.) This is where yard waste is converted into valuable landscape products. Residents wishing to purchase mulch or compost should have an open-bed vehicle or trailer and are required to bring a tarp or other covering to secure the load. Staff will load all bulk materials (materials are not available for sale in bags at this time.)
- 6 Administrative Offices house the Department of Solid Waste Management administrative staff. This area also has compost bins for sale and recycling bins for residents who need one.
- 7. The Landfill is used to process only a minority of the county's waste and is not generally open to residential traffic.

# Disposal of Specific Items

BULK TRASH AND FURNITURE are regularly disposed of at standard tipping fee rates (\$3.80 per 100 pounds of material). However, once each year the Department of Solid Waste Management mails vouchers to non-municipal\* County residents as part of the Residential Bulk Disposal Program. The resident listed on the voucher may use it one time to bring a maximum of four bulky/oversized residential items—such as furniture—to the Frederick County Landfill at no charge.



Residents are responsible for transporting their bulk items to the Reichs Ford Road Sanitary Landfill. A resident may assign their voucher to a commercial trash hauler by completing the appropriate area on the form. A voucher issued to a commercial hauler will allow the hauler a 100-pound tipping fee credit

per voucher. Alternatively, a resident may give the card to a friend to bring bulk furniture items to the landfill on their behalf.

The voucher has no monetary value and cannot be redeemed for cash, credit or used to pay existing landfill charges. For more information call 301-600-1035.

\* If you live within an incorporated municipality or subdivision, contact your town office or homeowner's association regarding bulk disposal.

→ Municipal contacts are listed on page 33.

WHITE GOODS: Appliances such as refrigerators, freezers, washers air conditioners, etc., are accepted at the Reichs Ford Road Recycling Center year round at no charge. You do not need a voucher for this!

# CONSTRUCTION & DEMOLITION DEBRIS, LAND CLEARING

AND RUBBLE are disposed of at a higher rate than regular trash. The current tipping fee for these materials is \$4.25 per 100 pounds, or \$85 per ton; this rate may be adjusted to reflect the fuel index.

This includes: asphalt, concrete, brick and cement, insulation, pipes and wires, plaster and drywall, flooring and tile, lumber, wallpaper, carpet, structural fabrics and steel. It also includes large woody materials, such as stumps and root mats. Any load containing a mixture of categories that includes rubble will be charged at the higher rate.

SCRAP TIRES have been banned from disposal in Maryland landfills since 1994. However, the Department of Solid Waste Management provides

two scrap tire recycling trailers at its Reichs Ford Road location and, when state funding is available, hosts a free tire drop-off event once each year in May. The date for this event is announced in the Frederick News Post and on our website each year, or you may call 301-600-2890 for more information.



If you are interested in disposing of scrap tires at the Frederick County Landfill please familiarize yourself with the Scrap Tire Disposal Policies listed below.

#### SCRAP TIRE DISPOSAL POLICIES:

- Residents may bring in up to five tires per calendar year. Anyone bringing in more than five tires per year will need to provide a valid Scrap Tire Haulers License in order to legally dispose through our tire program. (For more information about obtaining a Scrap Tire Haulers License contact the Maryland Department of the Environment by calling 800-633-6101, extension 3315.)
- Scrap tires must be segregated from waste loads to ensure that they are not disposed of in landfill facilities.
- Tires must be stacked in the designated tire collection trailers, and cannot contain waste within them. Customers must vertically stack tires within the correct tire trailer. The signage at the trailers indicate based on size—in which trailer the tires are to be placed. Tires cannot be dumped on the ground or thrown into the trailers unstacked.
- Due to space limitations we require that advance notification be obtained prior to delivering loads of ten or more tires. Please call and leave a message regarding your request at 301-600-2985.
- Failure to abide by these rules may result in rejection of all future loads of scrap tires from the customer/company in violation by the Department of Solid Waste Management.

www.FrederickCountyMD.gov/WasteManagement

#### Household Hazardous Waste

Residents are asked to please dispose of their household hazardous waste in an environmentally sound manner. To assist with this, the Department of Solid Waste Management sponsors two Household Hazardous Waste Drop-Off Days each year. There is no charge to participate in these events! The only requirements are you must be a resident of Frederick County and all items must be generated by a residence NOT a business (including home-based business).

#### ITEMS ACCEPTED INCLUDE:

- Fluorescent bulbs (compact & tube)
- Medicines (in original containers only)
- Fuels (gasoline/kerosene)
- Thinners and solvents
- Nickel-cadmium & NIMH batteries
- Pesticides/insecticides/fungicides

- Household cleaners
- Pool chemicals
- Mercury thermometers
- Photographic chemicals
- Mothballs
- Stains & sealants

#### ITEMS NOT ACCEPTED INCLUDE:

- Vehicle batteries
- Freon tanks & cylinders
- Fuel tanks and cylinders
- Fire extinguishers
- Medical sharps (needles, etc.)
- Any regular trash or recyclables



- Any paint
- Motor oil
- Tires
- Electronics
- Biohazard waste
- Radioactive materials
- Explosives & fireworks,
- Firearms & ammunition

One Household Hazardous Waste Drop-Off Day is held each spring and again each fall. To find out the date and location of the next event, please visit our website:

www.FrederickCountyMD.gov/wastemanagement
Or, for more information or assistance call (301) 600-1848.

#### Proper Disposal of Items Not Accepted at Drop-Off Events:

- To dispose of needles and medical "sharps", follow these three steps:
  - 1. Place all sharps in a puncture-resistant container with a small opening—a soda or bleach bottle works great.
  - 2. When 3/4 full, add a solution of 1 part bleach and 3 parts water to the container, shake to mix well and then drain out the liquid.
  - 3. Tighten lid and tape securely closed, then dispose in regular trash.
- Assistance with disposing fireworks, ammunition, firearms and explosives is provided by the State Fire Marshall's Bomb Squad Unit. Contact them by calling 410-859-7152.
- Fire extinguishers may be taken to Baker's Fire Protection & Safety Equipment Company at 5938 Jefferson Pike in Frederick. They can be contacted by calling 301-662-4606.
- To dispose of paint (oil-based or latex) remove the lid and add mulch, shredded paper or kitty litter to speed the drying process. Once paint is completely dried out, it can be disposed of in regular household trash.
- Vehicle batteries, motor oil and antifreeze are not accepted at this
  event since these items may be recycled all year for no cost at the
  Recycling Center at 9031 Reichs Ford Road (more info on page 16).
- Standard, non-rechargeable household batteries (such as D, AA, etc.) may be disposed of in your regular residential trash.
- Fuel canisters, such as for camping stoves are unfortunately not recyclable in Frederick County. Contact the manufacturer for options, or better yet, purchase a stove with a refillable canister.
- Propane tanks need to be returned to a vendor for proper disposal. The following vendors may be able to assist with tank disposal. You can also check with vendors listed in the yellow pages under Gas-Propane.
  - Aero Energy (301) 662-4101
  - AmeriGas (301) 620-9046
  - Rental Unlimited (301) 663-9200
  - Thompson Gas, Boonsboro (800) 768-6612

# Municipal Services and Waste Haulers

Not all services related to waste are provided by the Frederick County Department of Solid Waste Management. While the County is the only residential service provider for recycling, many municipalities and homeowner's associations handle trash-related services for their communities. This is a partial list of such entities:

#### TOWN OFFICE PHONE NUMBERS:

Myersville: Brunswick: 301-834-7500 301-293-4281 Burkittsville: 301-834-6780 New Market: 301-865-5544 Emmitsburg: 301-447-2313 Thurmont. 301-271-7313 • Frederick City: 301-600-1440 Walkersville: 301-845-4500 Woodshoro: Middletown: 301-371-6171 301-898-3800 Mt. Airy:

COMMERCIAL WASTE HAULERS: These are listed as a convenience and are only a sample of businesses, not an endorsement for any particular product or service. (This information accurate as of spring 2010.)

#### Curbside Residential Trash Service:

All Waste:	301-663-8011
Allied Waste Services:	301-694-6495
American Disposal Systems:	301-695-0080
B&B Refuse:	301-831-6731
BFI, Inc.:	301-662-6363
Beard's Trash Service:	301-271-2516
Gouker's Refuse Service:	301-416-0173
J&K Trash Service:	301-228-2618
Key Sanitation:	301-668-9724
Regional Waste Services:	301-682-7503
TBZ Trash Service:	301-620-1544
Waste Management:	800-723-5060

301-829-1424



#### Specialized Services and Junk Hauling

Clean Venture:	410-368-9170
Get-R-Done General Hauling:	240-379-7385
Harry's Helping Hand:	301-606-2528
Haul All:	301-831-1101
Junk Removal Service:	301-845-0834
1-800-GOT-JUNK	800-468-5865

The Department of Solid Waste Management is here to provide safe, sustainable, efficient, environmentally-sound services for Frederick County residents. The following listings may be used to contact specific offices:

<ul> <li>DSWM Administration</li> </ul>	(301) 600-1848
Email	landfill@FrederickCountyMD.gov
<ul><li>Billing</li></ul>	(301) 600-1035
<ul> <li>Office of Recycling</li> </ul>	(301) 600-2960
Email	recycle@FrederickCountyMD.gov
• Recycling Drop-Off Cer	nters (301) 600-2086
<ul><li>Scale House</li></ul>	(301) 600-2955
<ul> <li>DoSWM Office Fax</li> </ul>	(301) 600-3044
• TDD:	Use Maryland Relay



Aerial view of the transfer station, mulch and compost area and closed Site A landfill.

YEARLY EVENTS/DATES FOR RESIDENTS TO REMEMBER: Please check our website or call to find out specific dates and locations for the following yearly events:

May—Free scrap tire drop-off day (dependent on state funding)

April—Earth Day, check our website for special events

Spring & Fall—Free Household Hazardous Waste Drop-Off events

November—America Recycles! Day, check our website for special events

December & January—Christmas Tree Recycling Drop-Off sites open



# Frederick County Department of Solid Waste Management

9031 Reichs Ford Road Frederick, MD 21704

301-600-2960

www.FrederickCountyMD.gov/WasteManagement

# Recycle More. Waste Less.



Printed on Recycled-Content paper!

Spring 2010
Information provided in this booklet is subject to change.